

Figure 1

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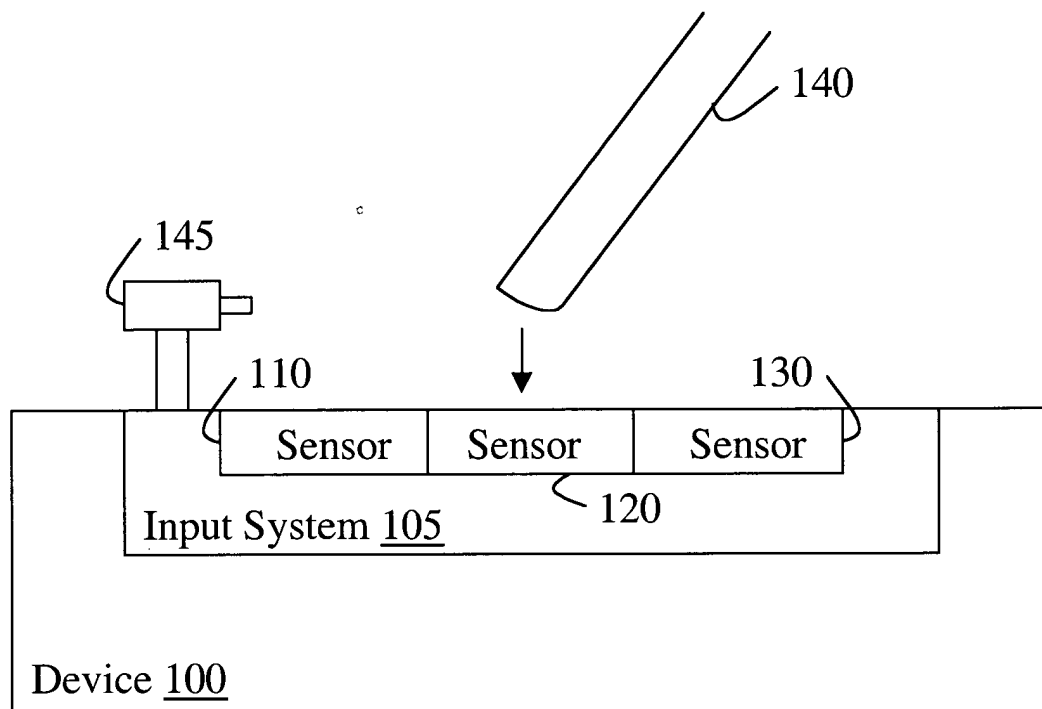


Figure 2

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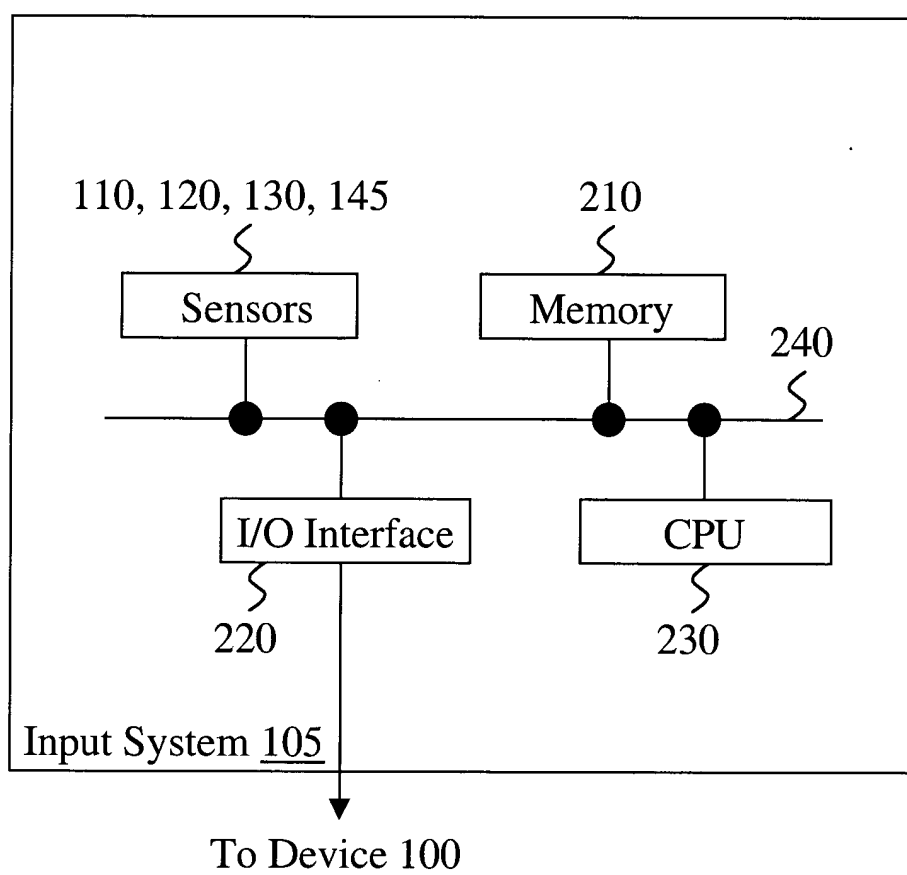


Figure 3

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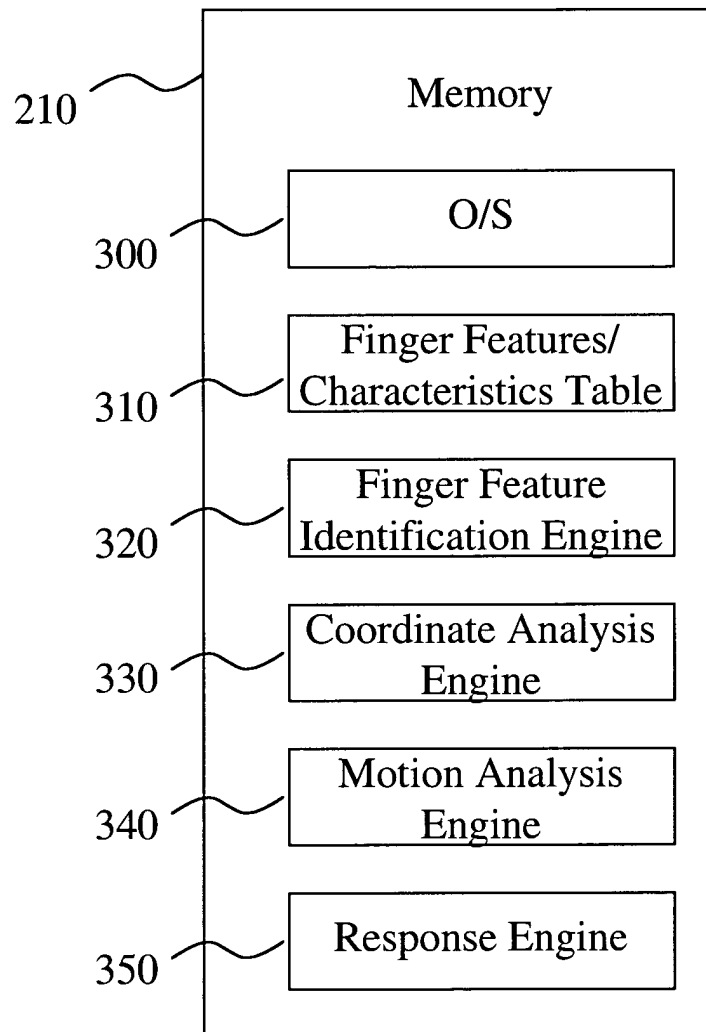


Figure 4A

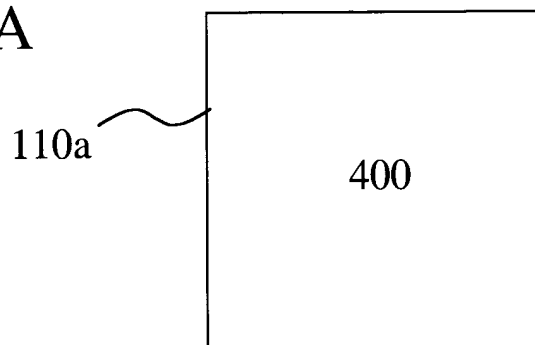


Figure 4B

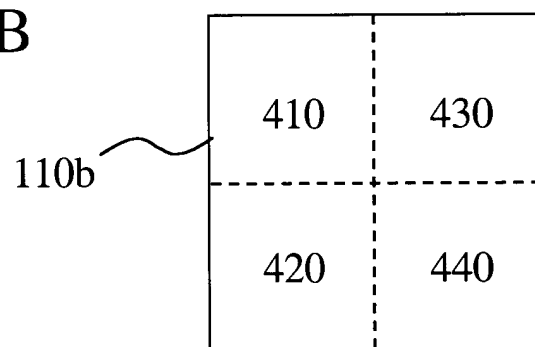


Figure 4C

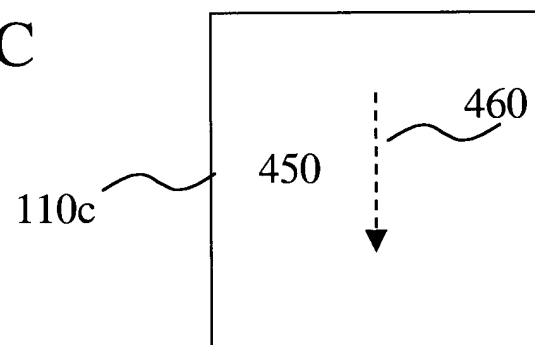
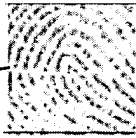

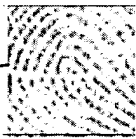
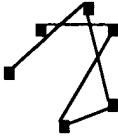
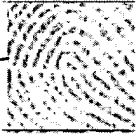



Figure 5

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| Function | Fingerprint | Minutiae Points Map | Color |
|------------|---|--|-------|
| Function 1 | 511  |  | Blue |
| Function 2 | 512  |  | Red |
| Function 3 | 513  |  | Green |

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Figure 6

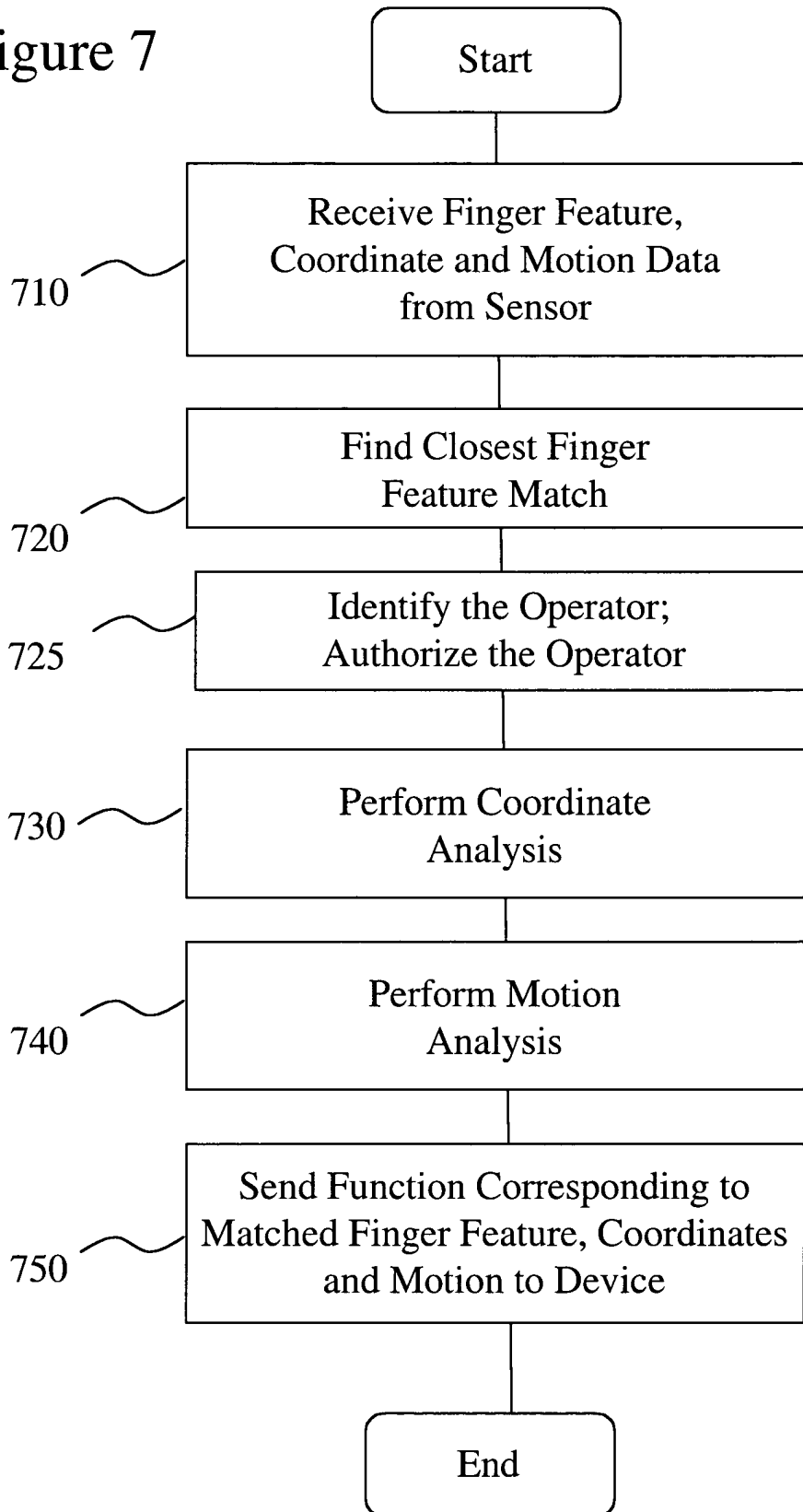
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| | | | |
|------------------|---------------|--------------------|-----------------|
| 510 | 610 | 620 | 500 |
| <u>Feature</u> | <u>Motion</u> | <u>Coordinates</u> | <u>Function</u> |
| Finger Feature 1 | Motion 1 | Section 1 | Function 1 |
| | | Section 2 | Function 2 |
| Finger Feature 2 | Motion 2 | Section 1 | Function 3 |
| | | Section 2 | Function 4 |
| | Motion 1 | Section 1 | Function 5 |
| | | Section 3 | Function 6 |
| | Motion 2 | Section 1 | Function 7 |
| | | Section 4 | Function 8 |

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Figure 7

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